61 121 181 241 301 361 421	cgagaaaaggtgacgcggggccgggcaggcggcggcggcccccccc	aggc gege tete ggag
457	cggcggcgagcgggggccATGCAGCGCGCTACTCCGTGTCCAGCCCCAACTCC	12
511	CTGGGAGTGCCCTACCTCGGCGGCGAGCAGAGCTACTACCGCGCGGCGCCC LeuGlyValValProTyrLeuGlyGlyGluGlnSerTyrTyrArgAlaAlaAla	30
565	GCGGCGGCCGGGGCGCTACACCGCCATGCCGGCCCCCATGAGCGTGTACTCG AlaAlaAlaGlyGlyTyrThrAlaMETProAlaProMETSerValTyrSer	48
619	CACCCTGCGCACGCCGAGCAGTACCCGGGCGGCATGGCCCGCGCCTACGGGCCC HisProAlaHisAlaGluGlnTyrProGlyGlyMETAlaArgAlaTyrGlyPro	66
673	TACACGCCGCAGCCGAGCCCAAGGACATGGTGAAGCCGCCCTATAGCTACATC TyrThrProGlnProGlnProLysAspMETValLysProProTyrSerTyrIle	84
727	GCGCTCATCACCATGGCCATCCAGAACGCCCCGGACAAGAAGATCACCCTGAACAlaLeuIleThrMETAlaIleGlnAsnAlaProAspLysLysIleThrLeuAsn	102
781	GGCATCTACCAGTTCATGATCATGGACCGCTTCCCCTTCTACCGGGACAACAAGCAGGLyIleTyrGlnPheIleMETAspArgPheProPheTyrArgAspAsnLysGln	120
835	GGCTGGCAGAACAGCATCCGCCACAACCTCTCGCTCAACGAGTGCTTCGTCAAG GlyTrpGlnAsnSerIleArgHisAsnLeuSerLeuAsnGluCysPheValLvs	138
889	GTGCCGCGCGACGACAAGAAGCCGGGCAAGGGCAGCTACTGGACGCTGGACCCG ValProArgAspAspLysLysProGlyLysGlySerTyrTrpThrLeuAspPro	156
943	GACTCCTACAACATGTTCGAGAACGGCAGCTTCCTGCGGCGGCGGCGGCGCTTC AspSerTryAsnMETPheGluAsnGlySerPheLeuArgArqArgArgArgPhe	174
997	AAGAAGAAGGACGCGGTGAAGGACAAGGAGGAGAAGGACAGGCTGCACCTCAAG LysLysLysAspAlaValLysAspLysGluGluLysAspArgLeuHisLeuLys	192
1051	GAGCCGCCCCGCCCGGCCGCCAGCCCCGCCCGCCGCCGGAGCAGGCCGAC GluProProProGlyArgGlnProProProAlaProProGluGlnAlaAsp	210
1105	GGCAACGCGCCCGGTCCGCAGCCGCCGCCGTGCGCATCCAGGACATCAAGACC GlyAsnAlaProGlyProGlnProProProValArgIleGlnAspIleLysThr	228
1159	GAGAACGGTACGTGCCCCTCGCCGCCCCAGCCCCTGTCCCCGGCCGCCCCTGGluAsnGlyThrCysProSerProProGlnProLeuSerProAlaAlaAlaLeu	246
1213	GGCAGCGGCAGCGCCGCCGGTGCCCAAGATCGAGAGCCCCGACAGCAGCAGC GlySerGlySerAlaAlaAlaValProLysIleGluSerProAspSerSerSer	264
1267	AGCAGCCTGTCCAGCGGGAGCAGCCCCCGGGCAGCCTGCCGTCGGCGGCCG SerSerLeuSerSerGlySerSerProProGlySerLeuProSerAlaArgPro	282
1321	CTCAGCCTGGACGGTGCGGATTCCGCGCCGCCGCCCCCCCGCGCCCCCG LeuSerLeuAspGlyAlaAspSerAlaProProProProAlaProSerAlaPro	300
1375	CCGCCGCACCATAGCCAGGGCTTCAGCGTGGACAACATCATGACGTCGCTGCGG ProProHisHisSerGlnGlyPheSerValAspAsnIleMETThrSerLeuArg	318
1429	GGGTCGCCGCAGAGCGCCGCCGCGGAGCTCAGCTCCGGCCTTCTGGCCTCGGCG GlySerProGlnSerAlaAlaAlaGluLeuSerSerGlyLeuLeuAlaSerAla	336
1483	GCCGCGTCCTCGCGCGCGGGGATCGCACCCCCGCTGGCGCTCCGGCGCCTACTCGALaAlaSerSerArgAlaGlyIleAlaProProLeuAlaLeuGlyAlaTyrSer	354
1537	CCCGGCCAGAGCTCCCTCTACAGCTCCCCCTGCAGCCAGACCTCCAGCGCGGC ProGlyGlnSerSerLeuTyrSerSerProCysSerGlnThrSerSerAlaGly	372

Fig. 1A

1591	AGCTCGGGCGGCGGCGGCGGCGCGCGCGCGGGGGGGCGCGCGCG	390
1645	GGGACCTACCACTGCAACCTGCAAGCCATGAGCCTGTACGCGGCCGGC	408
1699	GGGGGCCACTTGCAGGGCGCGCCCGGGGGGGGGGGGGGCTCGGCCGTGGACAAC GlyGlyHisLeuGlnGlyAlaProGlyGlyAlaGlyGlySerAlaValAspAsn	426
1753	CCCCTGCCCGACTACTCTCTGCCTCCGGTCACCAGCAGCAGCTCGTCGTCCCTG ProLeuProAspTyrSerLeuProProValThrSerSerSerSerSerLeu	444
1807	AGTCACGGCGGCGGCGGCGGCGGCGGGGGGGGCCAGGAGGCCGGCCACCA	462
1861	CCTGCGGCCCACCAAGGCCGCCTCACCTCGTGGTACCTGAACCAGGCGGGCG	480
1915	GACCTGGGCCACTTGGCAAGCGCGGCGGCGGCGGCGGCGGCGCGCAGGCTACCCG AspLeuGlyHisLeuAlaSerAlaAlaAlaAlaAlaAlaAlaAlaGlyTyrPro	4 98
1969	GGCCAGCAGCAGAACTTCCACTCGGTGCGGGAGATGTTCGAGTCACAGAGGATC GlyGlnGlnAsnPheHisSerValArgGluMETPheGluSerGlnArgIle	516
2023	GGCTTGAACAACTCTCCAGTGAACGGGAATAGTAGCTGTCAAATGGCCTTCCCT GlyLeuAsnAsnSerProValAsnGlyAsnSerSerCysGlnMETAlaPhePro	534
2077	TCCAGCCAGTCTCTGTACCGCACGTCCGGAGCTTTCGTCTACGACTGTAGCAAG SerSerGlnSerLeuTyrArgThrSerGlyAlaPheValTyrAspCysSerLys	552
2131	TTTTGAcacaccctcaaagccgaactaaatcgaaccccaaagcaggaaaagcta PheSTP	554
222365555555555555555555555555555555555	aaggaacccatcaaggcaaaatcgaaactaaaaaaaaaa	actitica at a ca ggt gat att at ct at c c

Forkhead SYTHASN.TRMLSELQ.Q.RSF.DI.TPDF.HLGCYQKCDK FKHL7 PKDMVKPPYSYIALITMAIQNAPDKKITLNGIYQFIMDRFPFYRDNKQGWQNSIRHNLSLNECFVKVPRDDKKPGKGSYMTLDPDSYNMFENGSFLRRRRFKKKD S M L	TTEPT
Forkhead SYFH: FKHL7 PKDM Mutations	FWHL14L. FWHL11 AETPQ FWHL11 AETPQ FWHL12 .LQRG FWHL9 ARQPA FWHL9 ARQPA FWHL9 RTRL. FWHL5 IRRPE FWHL5 IRRPE FWHL5 IRRPE FWHL5 IRRPE FWHL1 IRRUY
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Fig. 2

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NhHMPu M-YMP.	NhHMPu	8 to 9	Heart		NhimPu			NOT GROUT LIN	Hoart 10	Heart 19	Heart, 19	ביין מעטט.	8 + 8 + 8	cchlea	Fetal Heart	Embryo. 9 wk	Fetal Cochlea	NCI CGAP Pr9	to 9	Pr22	Aorta	NCI_CGAP_Kid3	Aorta	Kidney, 6 wk	otubes	Gland, 4	12 E 14 E	13 5-14 5	13.3-14.3	13,5-14.5	o, 11.5 dy		Embryo
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AA232742	AA424381	N40575		,	AA495846	W77980				AA022618	W94714			H89575	AA348051	AA334694	N75774	AA551599	N40582		D56550	01.07.04	03/2/CVK	AA673797	AA960591			W91182	AA739434			AA819240	AA964464
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